

IN THE CLAIMS:

Please substitute the following claims for the same numbered claims in the application:

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APR 21 2004

Technology Center 2600

Claim 1 (Original): An image display device, comprising:

a plurality of signal lines for supplying display signals;

a plurality of scanning lines for supplying scanning signals;

first and second pixel electrodes to which said display signals are supplied from specified one of said signal lines;

a first switching element disposed between the specified one of said signal lines and said first pixel electrode, said first switching element having a gate electrode for controlling supply of said display signals;

a second switching element disposed between said gate electrode of said first switching element and specified one of said scanning lines; and

a third switching element connected to the specified one of said signal lines, the third switching element being for controlling supply of said display signals to said second pixel electrode.

Claim 2 (Original): The image display device according to claim 1, wherein a scanning line having nothing to do with drive of said first and second pixel electrodes is formed, a storage capacitor is formed between said scanning line and each of said first and second pixel electrodes.

Claim 3 (Original): The image display device according to claim 1, wherein a storage capacitor

is formed between a specified scanning line and each of said first and second pixel electrodes, said specified scanning line being disposed at a front stage of said first and second pixel electrodes.

Claim 4 (Currently Amended): An image display device comprising:

a signal line for supplying a display signal;

first and second pixel electrodes having different electrical characteristics from one another, wherein said first and second pixel electrodes are arranged in a checked pattern so as to interpose said signal line therebetween;

a first switching element connected to said signal line, the first switching element being for controlling supply of said display signal to said first pixel electrode;

a second switching element connected to said first switching element;

a third switching element connected to said signal line, the third switching element being for controlling supply of said display signals to said second pixel electrode;

a first scanning line for supplying a scanning signal to said second and third switching elements; and


a second scanning line for supplying a scanning signal to said first switching element.

Claim 5 (Original): The image display device according to claim 4, wherein said first scanning line is disposed at a rear stage of said first and second pixel electrodes, and said second scanning line is disposed at a rear stage of said first scanning line.

Claim 6 (Original): The image display device according to claim 4, wherein a third scanning line is provided at a front stage of said first and second pixel electrodes, and a storage capacitor is formed between said third scanning line and each of said first and second pixel electrodes.

Claim 7 (Original): The image display device according to claim 4, wherein said first switching element directly connects said first pixel electrode and said signal line.

Claim 8 (Currently Amended): The image display device according to claim ~~[[4]]~~7, wherein said first scanning line is arranged at a front stage of said first and second pixel electrodes, and said second scanning line is arranged at a rear stage of said first and second pixel electrodes.

 Claim 9 (Currently Amended): The image display device according to claim 4, further comprising~~[[:]]~~ a fourth switching element connected to said third switching element, the fourth switching element being supplied with a scanning signal from said second scanning line.

Claim 10 (Currently Amended): An image display device, in which a plurality of signal lines for supplying display signals and a plurality of scanning lines for supplying scanning signals are arrayed in a matrix fashion, comprising:

first and second pixel electrodes arranged between a n-th scanning line and a (n+1)-th scanning line (n: positive integer), the first and second pixel electrodes being supplied with a display signal from a specified signal line;


a first switching mechanism for permitting the display signal to pass therethrough when

said (n+1)-th scanning line and a (n+m)-th scanning line (m: integer excluding 0 and 1) are simultaneously being selected; and

a second switching mechanism for permitting the display signal to pass through to said second pixel electrode when said (n+1)-th scanning line is being selected[[]]

wherein a storage capacitor is formed between each of said first and second pixel electrodes and said n-th scanning line.

Claim 11 (Currently Amended): The image display device according to claim 10, ~~wherein a storage capacitor is formed between each of said first and second pixel electrodes and said n-th scanning line.~~ further comprising a third pixel electrode arranged between said n-th scanning line and said (n+1)-th scanning line (n: positive integer).

 Claim 12 (Currently Amended): The image display device according to claim [[10]]11, wherein said first switching mechanism includes:

a first switching element connected to said specified signal line, the first switching element being driven by a scanning signal supplied from said (n+1)-th scanning line; and

a second switching element connected to said first switching element, the second switching element being driven by a scanning signal supplied from said (n+m)-th scanning line.

Claim 13 (Currently Amended): An image display device comprising:

a plurality of signal lines for supplying display signals;

a plurality of scanning lines for supplying scanning signals;


a first pixel electrode arranged between a  $n$ -th scanning line ( $n$ : positive integer) and a  $(n+1)$ -th scanning line, the first pixel electrode being connected to a specified signal line; ~~[[and]]~~

a second pixel electrode connected to said specified signal line~~[[,]]~~; and

a storage capacitor disposed between said first pixel electrode and said  $n$ -th scanning line,

wherein said first pixel electrode is driven by a first scanning signal from the  $(n+1)$ -th scanning line and by a second scanning signal from a  $(n+m)$ -th scanning line ( $m$ : integer excluding 0 and 1), and

said second pixel electrode is driven by a scanning signal from said  $(n+1)$ -th scanning line.

 Claim 14 (Currently Amended): An image display apparatus, which arrays pixels in a matrix fashion composed of  $M$  rows and  $N$  columns ( $M$  and  $N$ : arbitrary positive integer) to form an image display section,

said image display apparatus comprising:

a signal line driving circuit for supplying display signals;

a scanning line driving circuit for supplying scanning signals;

a plurality of signal lines extending from said signal line driving circuit;

a plurality of scanning lines extending from said scanning line driving circuit;


first and second pixel electrodes arranged between a  $n$ -th scanning line ( $n$ : positive integer equal to  $N$  or less) and a  $(n+1)$ -th scanning line ~~so as to be~~ and are adjacent to each other with a specified signal line interposed therebetween;

a first switching element driven by a scanning signal from a  $(n+2)$ -th scanning line, the

first switching element being for controlling supply of a display signal from said specified signal line to said first pixel electrode;

a second switching element driven by a scanning signal from said (n+1)-th scanning line, the second switching element being for controlling turning ON/OFF of said first switching element; and

a third switching element driven by a scanning signal from said (n+1)-th scanning line, the third switching element being for controlling supply of a display signal from said specified signal line to said second pixel electrode.

 Claim 15 (Currently Amended): The image display apparatus according to claim 14, further comprising a fourth switching element driven by the scanning signal from said (n+2)-th scanning line, the fourth switching element being for controlling turning ON/OFF of said third switching element.

Claim 16 (Currently Amended): An image display apparatus, which arrays pixels in a matrix fashion composed of M rows and N columns (M and N: arbitrary positive integer) to form an image display section,

said image display apparatus comprising;

a signal line driving circuit for supplying display signals;

a scanning line driving circuit for supplying scanning signals;

a plurality of signal lines extending from said signal line driving circuit;

a plurality of scanning lines extending from said scanning line driving circuit;

first and second pixel electrodes arranged between a n-th scanning line (n: positive integer equal to N or less) and a (n+1)-th scanning line ~~so as to be~~ and are adjacent to each other with a specified signal line interposed therebetween;

a storage capacitor disposed between said first and second pixel electrodes and said n-th scanning line;

a first switching element driven by a scanning signal from said (n+1)-th scanning line, the first switching element being for controlling supply of a display signal from said specified signal line to said first pixel electrode;

a second switching element driven by a scanning signal from a (n+2)-th scanning line, the second switching element being arranged between said first switching element and said first pixel electrode; and

a third switching element driven by the scanning signal from said (n+1)-th scanning line, the third switching element being for controlling supply of a display signal from said specified signal line to said second pixel electrode.

Claim 17 (Original): The image display apparatus according to claim 16, wherein a storage capacitor is formed between each of said first and second pixel electrodes and said n-th scanning line.

Claim 18 (Original): An image display apparatus, which arrays pixels in a matrix fashion composed of M rows and N columns (M and N: arbitrary positive integer) to form an image display section, said image display apparatus comprising:

a signal line driving circuit for supplying display signals;

a scanning line driving circuit for supplying scanning signals;

a plurality of signal lines extending from said signal line driving circuit;

a plurality of scanning lines extending from said scanning line driving circuit;

first, second and third pixel electrodes arranged between a  $n$ -th scanning line ( $n$ : positive integer equal to  $N$  or less) and a  $(n+1)$ -th scanning line, the first, second and third pixel electrodes being supplied with a display signal from a specified signal line;

a first switching element driven by a scanning signal from a  $(n+3)$ -th scanning line, the first switching element being for controlling supply of the display signal from said specified signal line to said first pixel electrode;

a second switching element driven by a scanning signal from said  $(n+1)$ -th scanning line, the second switching element being for controlling turning ON/OFF of said first switching element;

a third switching element driven by the scanning signal from said  $(n+1)$ -th scanning line, the third switching element being for controlling supply of the display signal from said specified signal line to said second pixel electrode;

a fourth switching element driven by a scanning signal from a  $(n+2)$ -th scanning line, the fourth switching element being for controlling supply of the display signal from said specified signal line to said third pixel electrode; and

a fifth switching element driven by the scanning signal from said  $(n+1)$ -th scanning line, the fifth switching element being for controlling turning ON/OFF of said fourth switching element.



Claim 19 (Original): The image display apparatus according to claim 18, wherein said signal line driving circuit sequentially supplies said specified signal line with a display signal having a potential to be given to said first pixel electrode, a display signal having a potential to be given to said second pixel electrode, and a display signal having a potential to be given to said third pixel electrode.

Claim 20 (Currently Amended): An image display apparatus, which arrays pixels in a matrix fashion composed of M rows and N columns (M and N: arbitrary positive integer) to form an image display section,

said image display apparatus comprising:

a signal line driving circuit for supplying display signals;

a scanning line driving circuit for supplying scanning signals;

a plurality of signal lines extending from said signal line driving circuit;

a plurality of scanning lines extending from said scanning line driving circuit; and

first, second and third pixel electrodes connected to a same signal line and arrayed on the same display line in parallel with said scanning line, the first, second and third pixel electrodes being supplied with display signals from a specified signal line,

wherein said first, second and third pixel electrodes are driven by scanning signals from different scanning lines.

Claim 21 (Currently Amended): An image display apparatus, which arrays pixels in a matrix

fashion composed of M rows and N columns (M and N: arbitrary positive integer) to form an image display section,

said image display apparatus comprising:


a signal line driving circuit for supplying display signals;

a scanning line driving circuit for supplying scanning signals;

a plurality of signal lines extending from said signal line driving circuit;

a plurality of scanning lines extending from said scanning line driving circuit;

first and second pixel electrodes arranged between a n-th scanning line (n: positive integer equal to N or less) and a (n+1)-th scanning line ~~so as to be~~ and are adjacent to each other with a specified signal line interposed therebetween;

 a first switching element driven by a scanning signal from said (n+1)-th scanning line, the first switching element being for controlling supply of a display signal from said specified signal line to said first pixel electrode;

a second switching element driven by a scanning signal from said n-th scanning line, the second switching element being for controlling turning ON/OFF of said first switching element; and

a third switching element driven by the scanning signal from said n-th scanning line, the third switching element being for controlling supply of the display signal from said specified signal line to said second pixel electrode.

Claim 22 (Original): An image display apparatus, which arrays pixels in a matrix fashion composed of M rows and N columns (M and N: arbitrary positive integer) to form an image

display section,

said image display apparatus comprising:

a signal line driving circuit for supplying display signals;

a scanning line driving circuit for supplying scanning signals;

a plurality of signal lines extending from said signal line driving circuit;

a plurality of scanning lines extending from said scanning line driving circuit;

first and second pixel electrodes arranged between a  $n$ -th scanning line ( $n$ : positive integer equal to  $N$  or less) and a  $(n+1)$ -th scanning line so as to be adjacent to each other with a specified signal line interposed therebetween;

a first switching element driven by a scanning signal from said  $(n+2)$ -th scanning line, the first switching element being for controlling supply of a display signal from said specified signal line to said first pixel electrode;

a second switching element driven by a scanning signal from said  $(n+1)$ -th scanning line, the second switching element being for controlling turning ON/OFF of said first switching element;

a third switching element driven by the scanning signal from said  $(n+1)$ -th scanning line, the third switching element being for controlling supply of the display signal from said specified signal line to said second pixel electrode;

a fourth switching element driven by the scanning signal from said  $(n+2)$ -th scanning line, the fourth switching element being for controlling turning ON/OFF of said first switching element; and

a charge capacitor connected to said third switching element, the charge capacitor being

capable of holding charges given to said third switching element.

Claim 23 (Original): An image display apparatus, comprising:

- a plurality of signal lines for supplying display signals;
- a plurality of scanning lines for supplying scanning signals;
- a pixel electrode supplied with a display signal from a specified signal line;
- a storage capacitor arranged between said pixel electrode and one of said scanning lines adjacent to said pixel electrode;
- a first switching element connected to said pixel electrode; and
- a second switching element for controlling turning ON/OFF of said first switching element.

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Claim 24 (Original): An image display apparatus, comprising:

- a plurality of signal lines for supplying display signals;
  - a plurality of scanning lines for supplying scanning signals;
  - a pixel electrode supplied with a display signal from a specified signal line; and
  - a storage capacitor arranged between said pixel electrode and one of said scanning lines adjacent to said pixel electrode,
- wherein said pixel electrode is driven by scanning signals supplied from at least two scanning lines excluding the one of said scanning lines.

Claim 25 (Currently Amended): A method of driving an image display device which comprises:

a plurality of signal lines for supplying display signals; a plurality of scanning lines for supplying scanning signals; a first pixel electrode arranged between a  $n$ -th scanning line and a  $(n+1)$ -th scanning line ( $n$ : arbitrary positive integer), the first pixel electrode being connected to a specified signal line; a storage capacitor disposed between said first pixel electrode and said  $n$ -th scanning line; and a second pixel electrode connected to said specified signal line,

the method comprising the steps of:

supplying a first display signal to said specified signal line, the first display signal having a first potential to be given to said first pixel electrode, for a period from the time when potentials of said  $(n+1)$ -th scanning line and a  $(n+m)$ -th scanning line ( $m$ : integer excluding 0 and 1) become equal to a selection potential to the time when the potential of one of said  $(n+1)$ -th scanning line and said  $(n+m)$ -th scanning line becomes equal to a non-selection potential, thus giving said first potential to said first and second pixel electrodes; and

supplying a second display signal to said specified signal line, the second display signal having a second potential to be given to said second pixel electrode, after the potential of one of said  $(n+1)$ -th scanning line and said  $(n+m)$ -th scanning line becomes equal to the non-selection potential, thus giving said second potential to said second pixel electrode.